of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

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FILE 'HOME' ENTERED AT 11:29:54 ON 01 AUG 2007

=> file reg
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:30:27 ON 01 AUG 2007
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3
DICTIONARY FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> file ca
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	0.66

FILE 'CA' ENTERED AT 11:30:41 ON 01 AUG 2007
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FILE COVERS 1907 - 26 Jul 2007 VOL 147 ISS 6
FILE LAST UPDATED: 26 Jul 2007 (20070726/ED)

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This file contains CAS Registry Numbers for easy and accurate

substance identification.

```
=> s didemethyl and formyl and azithromycin
           179 DIDEMETHYL
         35054 FORMYL
          3525 AZITHROMYCIN
L1           0 DIDEMETHYL AND FORMYL AND AZITHROMYCIN

=> s demethyl and formyl and azithromycin
          2906 DEMETHYL
         35054 FORMYL
          3525 AZITHROMYCIN
L2           0 DEMETHYL AND FORMYL AND AZITHROMYCIN

=> s formylazithromycin
L3           0 FORMYLAZITHROMYCIN

=> s ketoazithromycin
L4           0 KETOAZITHROMYCIN

=> s aminoazithromycin
L5           2 AMINOAZITHROMYCIN

=> d l5 1-2

L5   ANSWER 1 OF 2  CA  COPYRIGHT 2007 ACS on STN
AN   139:312557  CA
TI   Analysis of unknown compounds in azithromycin bulk samples with liquid
     chromatography coupled to ion trap mass spectrometry
AU   Debremaeker, D.; Visky, D.; Chepkwony, H. K.; Van Schepdael, A.; Roets,
     E.; Hoogmartens, J.
CS   Faculteit Farmaceutische Wetenschappen, Laboratorium voor Farmaceutische
     Chemie en Analyse van Geneesmiddelen, Katholieke Universiteit Leuven,
     Louvain, B-3000, Belg.
SO   Rapid Communications in Mass Spectrometry (2003), 17(4), 342-350
     CODEN: RCMSEF; ISSN: 0951-4198
PB   John Wiley & Sons Ltd.
DT   Journal
LA   English
RE.CNT  20    THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5   ANSWER 2 OF 2  CA  COPYRIGHT 2007 ACS on STN
AN   130:218265  CA
TI   9a-Azalides as veterinary antimicrobial agents
IN   Kro, Helmut; Farrington, Daniel O.; Clark, Jeffrey N.; Ratcliffe, Ronald
     W.; Wilkening, Robert D.
PA   Merck & Co., Inc., USA
SO   PCT Int. Appl., 16 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.          DATE
     --------------      ----   --------    --------------------     --------
PI   WO 9912552           A1    19990318    WO 1998-US18579          19980904
         W:  AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HR,
             HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK,
             MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA,
             US, UZ, VN, YU
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
             FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
             CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
```

```
     CA 2302010          A1    19990318    CA 1998-2302010        19980904
     AU 9893053          A     19990329    AU 1998-93053          19980904
     AU 731842           B2    20010405
     EP 1011689          A1    20000628    EP 1998-945912         19980904
     EP 1011689          B1    20070131
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI
     NZ 502861           A     20010330    NZ 1998-502861         19980904
     JP 2001515865       T     20010925    JP 2000-510449         19980904
     AT 353014           T     20070215    AT 1998-945912         19980904
     EP 1779853          A2    20070502    EP 2007-1854           19980904
        R:  AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE
     US 6339063          B1    20020115    US 2000-508489         20000511
PRAI US 1997-58330P      P     19970910
     GB 1998-6420        A     19980325
     EP 1998-945912      A3    19980904
     WO 1998-US18579     W     19980904
OS   MARPAT 130:218265
RE.CNT  1     THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d l5 1-2 an ab

L5   ANSWER 1 OF 2  CA  COPYRIGHT 2007 ACS on STN
AN   139:312557  CA
AB   A selective reversed-phase liquid chromatog./mass spectrometry (LC/MSn)
     method is described for the identification of azithromycin impurities and
     related substances in com. azithromycin samples.  Mass spectral data are
     acquired on an LCQ ion trap mass spectrometer equipped with an atmospheric
     pressure chemical ionization interface operated in pos. ion mode.  The LCQ
     provides online LC/MSn capability, making it ideally suited for
     identification purposes.  In comparison with UV detection, this hyphenated
     technique provides as its main advantage efficient identification of novel
     substances without time-consuming isolation and purification procedures.  Using
     this technique, six novel related substances detected in com. azithromycin
     samples have been studied.

L5   ANSWER 2 OF 2  CA  COPYRIGHT 2007 ACS on STN
AN   130:218265  CA
AB   9A-Azalides are useful in the treatment and prevention of bacterial
     respiratory and enteric infections in livestock animals, particularly in
     cattle and swine.  The 9a-azalide is selected from azithromycin,
     4''-epi-azithromycin, 4''-deoxy-4''-aminoazithromycin, and
     4''-epi-4''-deoxy-4''-aminoazithromycin.


=> s didehydroazithromycin
L6            0 DIDEHYDROAZITHROMYCIN
```

Freeform Search

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Term: azithromycin near5 degradation

Display: 10 **Documents in Display Format:** TI **Starting with Number** 1

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

Search Clear Interrupt

Search History

DATE: Wednesday, August 01, 2007 Purge Queries Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L11	azithromycin near5 degradation	8	L11
L10	azithromycin near5 drying	11	L10
L9	azithromycin near10 drying	12	L9
L8	azithromycin near10 overdrying	0	L8
L7	amino near10 azithromycin	10	L7
L6	amino near20 azithromycin	15	L6
L5	keto near20 azithromycin	0	L5
L4	ketoazithromycin	0	L4
L3	formylazithromycin	0	L3
L2	formyl near20 azithromycin	0	L2
L1	formyl near5 azithromycin	0	L1

END OF SEARCH HISTORY